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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 71 For Week Ended December 7, 1990 NO. 49

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 12/07/90	Last Week Ending: 11/30/90	Last Year Week Ending: 12/08/89	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,947	13,714	13,813	-767	-866
Operable capacity	15,591	15,591	15,591	0	0
Percent operated	83.0	88.0	88.6		
Motor Gasoline					
Total motor gasoline production	7,157	7,299	7,310	-142	-153
Finished leaded motor gasoline production	262	288	548	-26	-286
Finished unleaded motor gasoline production	6,895	7,011	6,762	-116	133
Total motor gasoline stocks	221,650	221,100	223,598	550	-1,948
Finished leaded motor gasoline stocks	9,400	9,728	17,916	-328	-8,516
Finished unleaded motor gasoline stocks	173,467	171,347	167,326	2,120	6,141
Jet Fuel Kerosine					
Jet fuel kerosine production	1,437	1,460	1,279	-23	158
Jet fuel kerosine stocks	46,519	45,281	43,992	1,238	2,527
Distillate Fuel Oil					
Distillate fuel oil production	2,904	3,085	3,320	-181	-416
Distillate fuel oil stocks	133,385	132,850	118,466	535	14,919
Residual Fuel Oil					
Residual fuel oil production	934	859	1,109	75	-175
Residual fuel oil stocks	49,438	51,202	50,423	-1,764	-985
Imports					
Crude oil imports	4,833	4,856	5,699	-23	-866
Product imports	1,707	2,271	1,951	-564	-244
Crude Oil Stocks					
Crude oil stocks	332,083	335,549	343,663	-3,466	-11,580
Crude Supply Balance	329				

*See definitions on page 6.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,221	987	1,007	1,384	72.8
Appal. No. 1	80	80	80	124	64.5
DISTRICT 1 TOTAL	1,301	1,067	1,087	1,508	72.1
Ind., Ill., Ky.	2,166	1,943	1,943	2,195	88.5
Minn., Wisc., Daks.	326	325	326	343	95.0
Okla., Kans., Mo.	770	693	701	737	95.1
DISTRICT 2 TOTAL	3,262	2,961	2,970	3,275	90.7
Inland Texas	499	488	488	584	83.6
Texas Gulf Coast	3,304	2,769	2,833	3,339	84.8
La. Gulf Coast	2,570	2,260	2,303	2,903	79.3
N. La. and Ark.	156	156	156	257	60.7
New Mexico	83	74	74	78	94.9
DISTRICT 3 TOTAL	6,612	5,747	5,854	7,161	81.7
DISTRICT 4 TOTAL	469	418	420	556	75.5
DISTRICT 5 TOTAL	2,843	2,587	2,616	3,091	84.6
TOTAL U.S.	14,487	12,780	12,947	15,591	83.0
TOTAL U.S. Weeks Ended:					
NOV. 30, 1990	14,905	13,489	13,714	15,591	88.0
DEC. 8, 1989	14,910	13,660	13,813	15,591	88.6
DISTRICTS 1-4 Weeks Ended:					
DEC. 07, 1990	11,644	10,193	10,331	12,500	82.6
NOV. 30, 1990	12,043	10,797	10,976	12,500	87.8
DEC. 8, 1989	12,137	11,081	11,148	12,553	88.8

API WEEKLY STATISTICAL BULLETIN

Week Ended December 7, 1990

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	630	--	630	5	76	326	113
Appal. No. 1	22	1	21	--	--	25	1
DISTRICT 1 TOTAL	652	1	651	5	76	351	114
Ind., Ill., Ky.	1,164	10	1,154	10	126	438	68
Minn., Wisc., Daks.	168	3	165	2	13	74*	9
Okla., Kans., Mo.	403	19	384	7	44	197	4
DISTRICT 2 TOTAL	1,735	32	1,703	19	183	709*	81
Inland Texas	302	13	289	19	42	131	12
Texas Gulf Coast	1,805	13	1,792	25	391	618	263
La. Gulf Coast	1,192	20	1,172	12	320	494	171
N. La. and Ark.	53	--	53	6	2	44	10
New Mexico	36	11	25	11	3	18	1
DISTRICT 3 TOTAL	3,388	57	3,331	73	758	1,305	457
DISTRICT 4 TOTAL	239	44	195	9	32	131	7
DISTRICT 5 TOTAL	1,143	128	1,015	52	388	408	275
TOTAL U.S.	7,157	262	6,895	158	1,437	2,904	934
TOTAL U.S. Weeks Ended:							
NOV. 30, 1990	7,299	288	7,011	209	1,460	3,085*	859
DEC. 8, 1989	7,310	548	6,762	237	1,279	3,320	1,109
DISTRICTS 1-4 Weeks Ended:							
DEC. 07, 1990	6,014	134	5,880	106	1,049	2,496	659
NOV. 30, 1990	6,073	134	5,939	145	1,072	2,609*	577
DEC. 8, 1989	5,942	288	5,654	166	921	2,866	693

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

Week Ended December 7, 1990

STOCKS OF SELECTED PRODUCTS
(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,095	5	4,089	1	98	678	6,082	457	--
Central Atlantic	26,780	5	22,067	4,708	287	6,100	35,607	20,237	13,362
Lower Atlantic	28,221	18	28,057	146	478	6,621	16,952	2,530	482
DISTRICT 1 TOTAL	59,096	28	54,213	4,855	863	13,399	58,641	23,224	13,844
DISTRICT 2 TOTAL	55,979	2,391	46,006	7,582	694	9,889	30,351	3,478	15,710
DISTRICT 3 TOTAL	68,334	736	51,350	16,248	2,408	15,128	27,865	15,178	50,633
DISTRICT 4 TOTAL	7,555	1,386	3,813	2,356	353	918	2,918	525	1,876
DISTRICT 5 TOTAL	30,686	4,859	18,085	7,742	1,682	7,185	13,610	7,033	25,782
TOTAL U.S.	221,650	9,400	173,467	38,783	6,000	46,519	133,385	49,438	107,845
TOTAL U.S. Weeks Ended:									
NOV. 30, 1990	221,100	9,728	171,347	40,025	6,533	45,281	132,850	51,202	108,550
DEC. 8, 1989	223,598	17,916	167,326	38,356	6,043	43,992	118,466	50,423	109,158
DISTRICTS 1-4 Weeks Ended:									
DEC. 07, 1990	190,964	4,541	155,382	31,041	4,318	39,334	119,775	42,405	82,063
NOV. 30, 1990	189,469	4,439	152,706	32,324	4,681	38,322	119,841	43,302	83,267
DEC. 8, 1989	192,121	12,105	150,392	29,624	4,664	36,616	107,914	41,687	87,055

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasolin

[2]Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN
Week Ended December 7, 1990

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy July 1990	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
DEC. 07, 1990	4,377.0	4,407.0	4,660	579	256,707
NOV. 30, 1990	4,377.0	--	4,799*	604	261,590
NOV. 23, 1990	4,377.0	--	5,088	578	263,016
NOV. 16, 1990	4,377.0	--	5,107	672	261,543
DISTRICT 5 TOTAL					
DEC. 07, 1990	2,848.0	2,647.0	173	--	75,376 #
NOV. 30, 1990	2,848.0	--	57	--	73,959
NOV. 23, 1990	2,848.0	--	165	--	74,059
NOV. 16, 1990	2,848.0	--	89	--	79,672
TOTAL U.S.					
DEC. 07, 1990	7,225.0	7,054.0	4,833	579	332,083 #
NOV. 30, 1990	7,225.0	--	4,856*	604	335,549
NOV. 23, 1990	7,225.0	--	5,253	578	337,075
NOV. 16, 1990	7,225.0	--	5,196	672	341,215
DEC. 8, 1989	7,536.0 a/	--	5,699	688	343,663

#INCLUDES 18,644 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for October 1989.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1989 Averages Absolute	1989 Averages Positive	1989 Averages Negative
DEC. 07, 1990	329	451	493	-390

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
DEC. 07, 1990	13,475	69,512	161,690	12,030	256,707	75,376 #	332,083 #
NOV. 30, 1990	13,373	70,075	165,251	12,891	261,590	73,959	335,549
DEC. 8, 1989	13,278	72,797	164,744	11,977	262,796	80,867	343,663

[1]See definitional notes, Page 6.

* See Revisions on Page 7.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	34	--	34	--	--	--	52	2	2	--	15	105
Central Atlantic	158	--	158	27	12	--	106	142	77	154	15	691
Lower Atlantic	107	--	107	--	--	53	16	151	--	--	17	344
DISTRICT 1 TOTAL												
DEC. 07, 1990	299	--	299	27	12	53	174	295	79	154	47	1,140
NOV. 30, 1990	344	--	344	21	29	55	258	356	23	322	52	1,460
NOV. 23, 1990	259	--	259	42	23	46	190	270	63	153	5	1,051
NOV. 16, 1990	136	--	136	15	--	2	76	305	27	133	67	761
DISTRICTS 2-4 TOTAL												
DEC. 07, 1990	6	--	6	4	8	11	.5	7	159	155	175	530
NOV. 30, 1990	7	--	7	41	8	22	9	10	97	288*	290*	772*
NOV. 23, 1990	6	--	6	6	2	12	4	10	175	232	152	599
NOV. 16, 1990	2	--	2	40	2	1	--	5	139	187	113	489
DISTRICT 5 TOTAL												
DEC. 07, 1990	7	--	7	2	--	4	2	11	5	1	5	37
NOV. 30, 1990	12	--	12	3	--	7	4	11	1	1	--	39
NOV. 23, 1990	7	--	7	4	--	4	2	16	13	1	13	60
NOV. 16, 1990	2	--	2	4	--	1	22	9	1	1	17	57
TOTAL U.S.	312	--	312	33	20	68	181	313	243	310	227	1,707
TOTAL U.S. Weeks Ended:												
NOV. 30, 1990	363	--	363	65	37	84	271	377	121	611*	342*	2,271*
NOV. 23, 1990	272	--	272	52	25	62	196	296	251	386	170	1,710
NOV. 16, 1990	140	--	140	59	2	4	98	319	167	321	197	1,307
DEC. 8, 1989	387	--	387	104	3	52	164	480	304	299	158	1,951

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.
[2]Gasoline blending components are not included in total motor gasoline imports.
[3]Includes Grade No. 4 fuel oil.

*See Revisions on Page 7.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

REVISIONS

11/30/90	PAGE 2	DISTILLATE FUEL	MINN., WIS., DAKS.	92
			DISTRICT 2 TOTAL	752
			TOTAL U.S.	3,085
			DISTRICTS 1-4	2,609
	PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	4,799
			TOTAL U.S.	4,856
	PAGE 5	UNFINISHED OIL	DISTRICTS 2-4 TOTAL	288
			TOTAL U.S.	611
		OTHER	DISTRICTS 2-4 TOTAL	290
			TOTAL U.S.	342
		TOTAL	DISTRICTS 2-4 TOTAL	772
			TOTAL U.S.	2,271